

National Transportation Safety Board
Washington, DC 20594

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Brief of Accident

Adopted 06/27/2007

DCA07MA003 File No. 21746	10/11/2006	Manhattan, NYC, NY	Aircraft Reg No. N929CD	Time (Local): 14:42 EDT	
Make/Model:	Cirrus Design Corp. / SR-20		Fatal	Serious	Minor/None
Engine Make/Model:	Teledyne Continental / IO-360-E(6)B	Crew	2	0	0
Aircraft Damage:	Destroyed	Pass	0	0	0
Number of Engines:	1	Other	0	1	2
Operating Certificate(s):	None				
Type of Flight Operation:	Personal				
Reg. Flight Conducted Under:	Part 91: General Aviation				
Last Depart. Point: Teterboro Airpo, NJ			Condition of Light: Day		
Destination: Local Flight			Weather Info Src: Weather Observation Facility		
Airport Proximity:			Basic Weather: Visual Conditions		
Airport Name: Unk/Nr			Lowest Ceiling: 1800 Ft. AGL, Overcast		
Runway Identification: Unk/Nr			Visibility: 7.00 SM		
Runway Length/Width (Ft): Unk/Nr			Wind Dir/Speed: 060 / 006 Kts		
Runway Surface:			Temperature (°C): 17		
Runway Surface Condition:			Precip/Obscuration: No Obscuration; No Precipitation		
Pilot-in-Command	Age: 34	Flight Time (Hours)			
Certificate(s)/Rating(s)		Total All Aircraft: 88			
Private; Single-engine Land		Last 90 Days: 14			
		Total Make/Model: 13			
Instrument Ratings		Total Instrument Time: UnK/Nr			
None					

*** Note: NTSB investigators traveled in support of this investigation and used data obtained from various sources to prepare this aircraft accident report. ***

[The Safety Board's full brief is available at <http://ntsb.gov/Publictn/pubictn.htm>. The Aviation Accident Brief number is NTSB/AAB-07/02]

On October 11, 2006, about 1442 eastern daylight time, a Cirrus Design SR20, N929CD, operated as a personal flight, crashed into an apartment building in Manhattan, New York City, while attempting to maneuver above the East River. The two pilots on board the airplane, a certificated private pilot who was the owner of the airplane and a passenger who was a certificated commercial pilot with a flight instructor certificate, were killed. One person on the ground sustained serious injuries, two people on the ground sustained minor injuries, and the airplane was destroyed by impact forces and postcrash fire. The flight was operating under the provisions of 14 Code of Federal Regulations (CFR) Part 91, and no flight plan was filed. Marginal visual flight rules (MVFR) conditions prevailed at the time of the accident.

Brief of Accident (Continued)

DCA07MA003

File No. 21746

10/11/2006

Manhattan, NYC, NY

Aircraft Reg No. N929CD

Time (Local): 14:42 EDT

Occurrence #1: IN FLIGHT COLLISION WITH OBJECT

Phase of Operation: MANEUVERING - TURN TO REVERSE DIRECTION

Findings

1. OBJECT - RESIDENCE
2. (C) IN-FLIGHT PLANNING/DECISION - INADEQUATE - PILOT IN COMMAND
3. (C) JUDGMENT - INADEQUATE - PILOT IN COMMAND
4. (C) AIRCRAFT HANDLING - INADEQUATE - PILOT IN COMMAND

Findings Legend: (C) = Cause, (F) = Factor

The National Transportation Safety Board determines the probable cause(s) of this accident to be:

The pilots' inadequate planning, judgment, and airmanship in the performance of a 180° turn maneuver inside of a limited turning space.